

OPERATING INSTRUCTIONS PHILIPS 21PV688/05, 21PV620/07

UK

Congratulations on the purchase of one of the most sophisticated and simple-to-use television/video recorder combinations (TV-VIDEO Combi) on the market. With this TV-VIDEO Combi you can record and play VHS-standard cassettes.



Please take the time to read this operating manual before using your TV-VIDEO Combi.

Safety instructions and other notes

Danger: high voltage!
Do not open. The set does not contain any components that can be repaired by the customer. When the appliance is connected to the power supply there are some components that are constantly operational. To switch off the set completely you must disconnect it from the power supply.

This power pack is designed for a power supply of 220-240V/50Hz.

Ensure that air can circulate freely through the ventilation slots on the set.

Ensure that no objects or liquids enter the set. If liquid is spilt into it, disconnect the set immediately from the power supply and call the After-sales Service for advice.

The set should not be used immediately after transportation from a cold to a hot area or vice versa, or in conditions of extreme humidity.
After unpacking the set, it should be allowed to acclimatize for at least three hours before installation.

These operating instructions have been printed on nonpolluting paper.

Deposit old batteries at the relevant collection points.

Please make use of the facilities available in your country for disposing of the packaging of the set in a way that helps to protect the environment.

This electronic equipment contains many materials that can be recycled. Please inquire about the possibilities for recycling your old set.

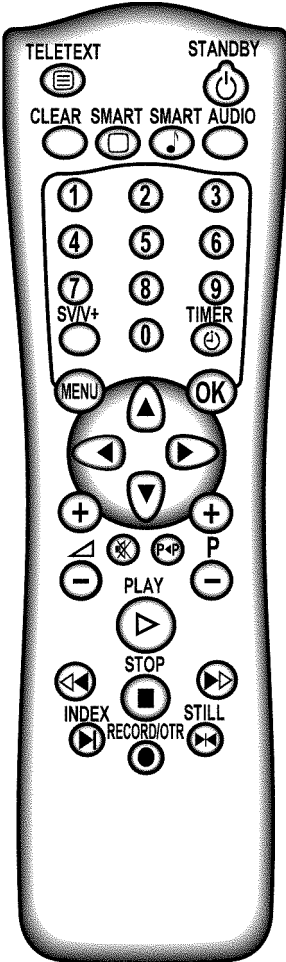
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VIDEO *Plus+*

OPERATING INSTRUCTIONS IN BRIEF

The remote control



TELETEXT **TELETEXT**: TELETEXT on/off
TELETEXT special functions: Press the **MENU** button while you are in TELETEXT. Select the required function with the menu buttons or and press the **OK** button.

STANDBY **Switch off** : Switch off set, interrupt menu function, interrupt TIMER-recording (hold several seconds)

CLEAR **Delete (red)**: Delete last entry

SMART **SMART PICTURE (green)**: Superimpose preset picture settings

SMART **SMART SOUND (yellow)**: Superimpose preset sound settings

AUDIO **Audio (blue)**: Alter sound settings

0-9 **Digit buttons**: 0 - 9

SV/V+ **VIDEOPlus+**: Programming a TIMER with VIDEOPlus+

TIMER **TIMER**: Manual TIMER programming or alter/clear a programmed TIMER

MENU **Menu button**: Call up main menu

OK **Store/Confirm**: Store/Confirm entry

Menu button: Cursor up

Menu button: Cursor down

Menu button: Cursor left

Menu button: Cursor right

Volume : Volume control

Mute sound: Switch off sound completely

P<P **Previous programme number**: Switch to previous programme number

P +/- **Programme number Plus/Minus**: Programme number up/down

PLAY **Playback** : Playback a recorded cassette

Rewind : During STOP and STANDBY: rewind, during PLAYBACK: reverse scanning

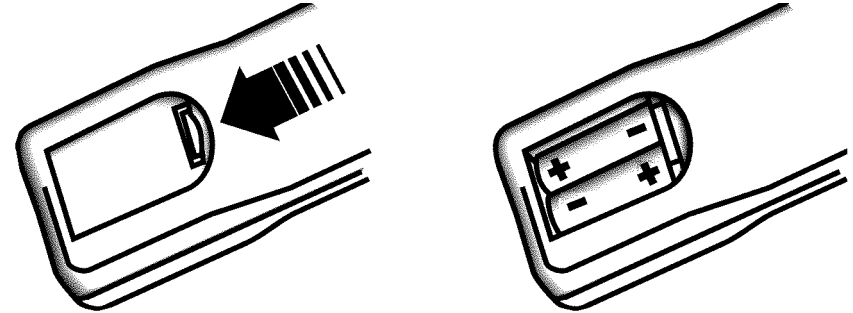
STOP **Pause/Stop**: Stop the tape, except during TIMER-recording
Eject cassette: Hold the **STOP** button for several seconds.

Forward wind: During STOP and STANDBY: forward wind, during PLAYBACK: forward scanning

INDEX **Index search**: Search for previous/next recording on the cassette

RECORD/OTR **Record/OTR**: Direct recording of the programme selected at this moment

STILL **Still picture**: Stop the tape and display the actual position on the tape as a still picture

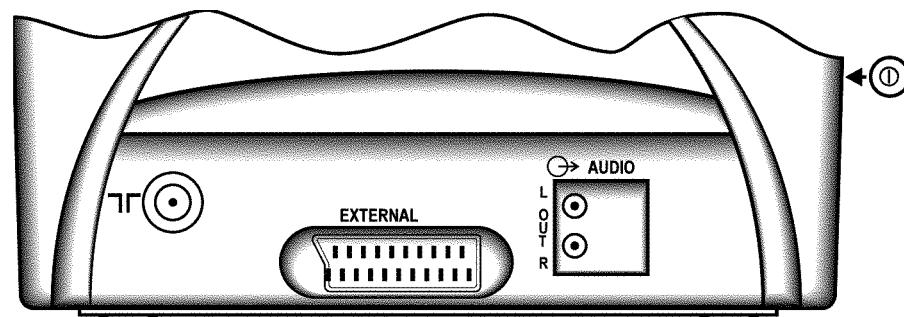
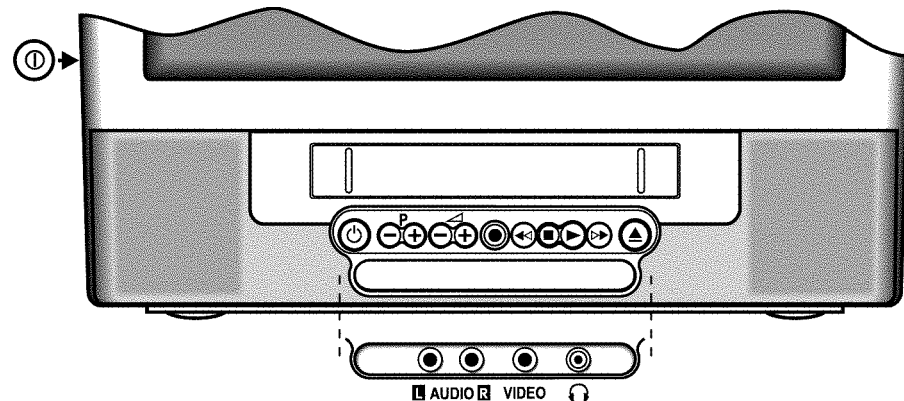


Front of set

-  **Standby** : Switch off, interrupt menu function
-  **Programme number Plus/Minus**: Programme number up/down
-  **Volume**:Volume up/down
-  **Record/OTR**: Direct recording of the programme selected at this moment
-  **Rewind** : During STOP and STANDBY: rewind, during PLAYBACK: reverse scanning
-  **Pause/Stop**: Stop the tape, except during TIMER-recording
-  **Playback** : Playback a recorded cassette
-  **Forward wind**: During STOP and STANDBY: forward wind, during PLAYBACK: forward scanning
-  **Eject**: Eject cassette
-  **Audio input socket left/right stereo**
-  **Video input socket** : To connect a camcorder or videogames
-  **Headphones socket**: To connect headphones

Back of the set

-  **Aerial input socket**: To connect the aerial cable
-  **Power switch** : To switch off the set
Beware: When you switch the set off with the power switch, TIMER-recordings are not possible!
-  **Scart socket**: To connect a satellite receiver, decoder, video recorder, etc.
-  **Audio output, left/right stereo**: To connect a HiFi-set or a 'Dolby Pro Logic'-decoder.



1. FIRST STEPS

Important for the United Kingdom

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:

- 1** Remove fuse cover and fuse.
- 2** Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
- 3** Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.

 Note: * The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

How to connect a plug:

The wires in the mains lead are coloured in accordance with the following code:

BLUE - 'NEUTRAL' ('N')

BROWN - 'LIVE' ('L')

- 4** The BLUE wire must be connected to the terminal which is marked with the letter 'N' or coloured BLACK.
- 5** The BROWN wire must be connected to the terminal which is marked with the letter 'L' or coloured RED.
- 6** Do not connect either wires to the earth terminal in the plug which is marked with the letter 'E' or by the safety earth symbol  or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Before you start ...

- ☐ When you install your TV-VIDEO Combi **for the first time**, please read the following paragraphs:
 - 1** 'Connecting the cables.'
 - 2** 'Initial installation'.
 - 3** 'Important notes for operation'.
- ☐ If you want to connect **additional equipment**, please read paragraph: 'Connecting additional equipment', or the paragraph: 'Connecting a HiFi-set' in the chapter 'ADDITIONAL FUNCTIONS'.
- ☐ The **most important button-functions** are displayed in paragraph 'User guide (OSD)'.
- ☐ If you want to **set your language**, please read paragraph: 'Setting your language'.
- ☐ If you want to **set time and date**, please read paragraph: 'Setting clock and date'.
- ☐ If you want to **search and store TV channels automatically**, please read paragraph: 'Automatic TV channel search'.
- ☐ If you want to **sort TV channels manually**, please read paragraph: 'Channel Number Allocation'.
- ☐ If you want to **search for TV channels that have not been stored yet**, please read paragraph: 'New TV Channel Search'.
- ☐ If you want to **delete** a TV channel, please read paragraph: 'Deleting a TV channel'.

Important notes for operation

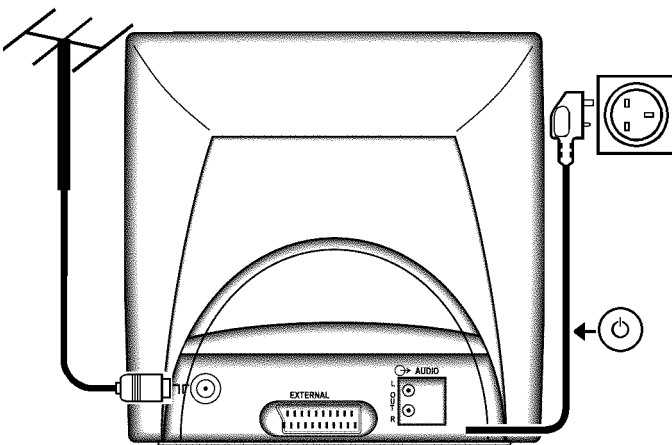
- ☐ We advise you, from now on, to switch the set to standby using the  button on the front of the set or on the remote control.

When the set is in the standby mode, a small red lamp on the left of the front of the set will be alight.
- ☐ You can switch on with the  button, the  buttons or by inserting a cassette.
-  **Attention:** When you use the power switch  on the side panel, you switch off the set **completely** from the mains power supply. No programmed recordings will then be made. The red lamp on the left of the front of the set will not be alight. After approximately 4 days, the date and clock settings will be lost.
- ☐ **Attention:** Before you switch off the appliance with the power switch , remove the tape by pressing the  button.

-  Keep your TV-VIDEO Combi connected to the mains and the power switch in 'on' position at all times to ensure that programmed recordings can be made and that the television functions normally. The power consumption required is low ().

- ☐ Back-up power supply: TV channel storage - typically 1 year, Clock/Timer - typically 4 days.

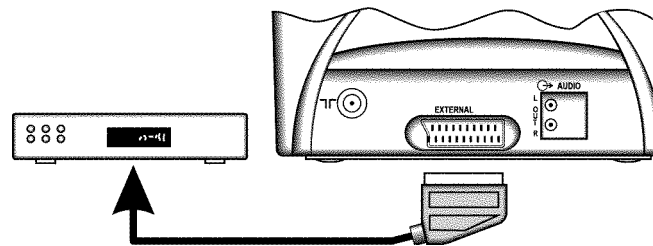
Connecting the cables



- 1** Insert the aerial plug into the  socket.
- 2** Insert the plug of the mains cable into the wall socket.
- 3** If the little red light at the front of the set is not alight, please switch on the set. The power switch  is located on the left side panel of the set.

Connecting additional equipment

You can also connect additional equipment to the  socket, for instance, a decoder satellite receiver or video recorder.

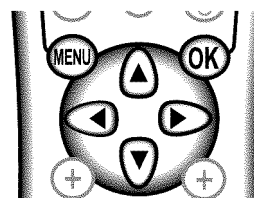


If you want to connect audio HiFi set, please read the paragraph 'Connecting a HiFi set' in the chapter 'ADDITIONAL FUNCTIONS'.

User guide (OSD)

With OSD (On Screen Display) the corresponding functions appear on the TV screen. The most important button-functions are displayed at the bottom of the screen.

- ☐ **Call up the menu:** With the  button.
- ☐ **Select a line:** With the menu buttons  or .
- ☐ **Select within a line:** With the menu buttons  or .
- ☐ **Enter/Alter:** With the menu buttons  or  or with the digit buttons .
- ☐ **Store:** With the .
- ☐ **Confirm:** With the .
- ☐ **Exit:** With the .

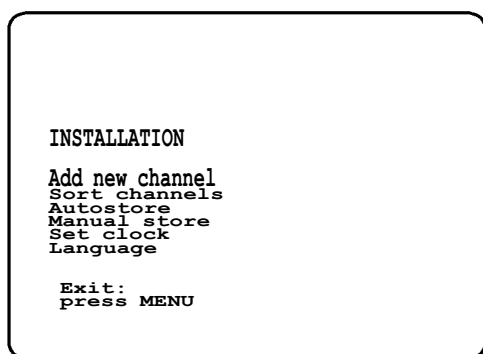


Initial installation

- 1 Select your language with the menu buttons ▲, ▼, ◀ or ▶ and confirm with the [OK] button.
- 2 Select your country with the menu buttons ▲, ▼, ◀ or ▶ and confirm with the [OK] button.
- 3 Please read on in paragraph 'Automatic TV channel search'.

Setting the language

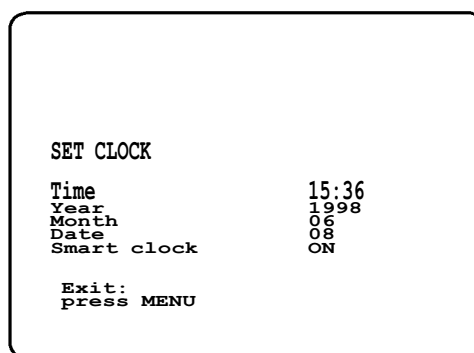
- 1 To start, press the [P+/-] button.
- 2 Press the [MENU] button. The main menu appears.
- 3 Select the line 'Installation' with the menu buttons ▲ or ▼ and confirm with the menu button [▶].
The installation menu appears.



- 4 Select the line 'Language'.
- 5 Select your language with the menu buttons ◀ or ▶.

Setting clock and date

- 1 To start, press the [P+/-] button.
- 2 Press the [MENU] button. The main menu appears.
- 3 Select the line 'Installation' with the menu buttons ▲ or ▼ and confirm with the menu button [▶].
- 4 Select the line 'Set clock' with the menu buttons ▲ or ▼ and confirm with menu button [▶].



- 5 Enter the time, year, month and day with the menu buttons ▲, ▼, ◀ or ▶ or with the digit buttons [0-9] and confirm with the [OK] button.

Automatic clock/date setting (SMART CLOCK)

-  If a television programme, which transmits TELETEXT, is stored with programme number 'P01', time and date will be set automatically.

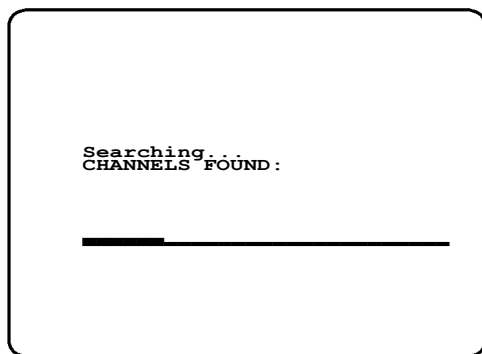
- 1 Select the line 'Smart clock' with the menu buttons ▲ or ▼.
 - 2 Switch the function on with the menu buttons ◀ or ▶.
-  Clock and date will automatically be adjusted to winter time and summer time.

Automatic TV Channel Search

The TV-Video Combi will search and sort all TV programmes automatically.

When you install your TV-VIDEO Combi for the first time, please start at step **5**.

- 1** To start, press the **P+/-** button.
- 2** Press the **MENU** button. The main menu appears.
- 3** Select the line '**Installation**' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.
- 4** Select the line '**Autostore**' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.
- 5** Select the required search function with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.
The 'Automatic TV Channel Search' starts.



- 6** Wait until all TV channels have been stored.
All TV channels will be stored from programme number '**P01**' upward.

How to search for a TV channel manually, you can read in chapter 'ADDITIONAL FUNCTIONS' in the section 'Manual TV Channel Search'.

i Automatic Channel Installation (**Automatic channel install**):

Some cable companies or broadcasters offer the possibility to install TV channels automatically with 'ACI'. Information about the installation offered and how to select it, will appear on the screen.

This set will recognize and install TV channels with 'ACI' automatically.

TV channels will be stored from programme number 1 onward.

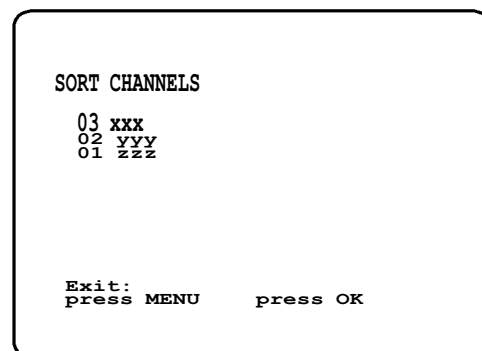
If 'ACI' cannot identify a TV channel, you can search for it using the method as described in the section 'Manual TV Channel Search'.

i If you have programmed a **TIMER**, you cannot activate the '**Autostore**' function.

i If the '**Wake-up timer**' function has been activated, you can not activate the '**Autostore**' function.

Sort channels

- 1** Switch on with the **P+/-** button.
- 2** Press the **MENU** button. The main menu appears.
- 3** Select the line '**Installation**' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.
- 4** Select the line '**Sort channels**' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.



- 5** With the menu buttons **▲**, **▼**, **◀** or **▶**, select the TV channel which you want to resort and press the **OK** button.

6 With the menu buttons **▲**, **▼**, **◀** or **▶**, shift the TV channel to the place you wish and press the **OK** button.

7 Repeat steps **5** to **6** until you have allocated a programme number to all the required TV channels.

i If you have programmed a **TIMER**, you cannot activate the **'Sort channels'** function.

i If the **'Wake-up timer'** function has been activated, you can not activate the **'Sort channels'** function.

New TV Channel Search

1 Switch on with the **P+/-** button.

2 Press the **MENU** button. The main menu appears.

3 Select the line **'Installation'** with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.

4 Select the line **'Add new channel'** with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.
The TV channel search starts.

5 To store the TV channel, press the **OK** button.

6 Repeat step **5**, until you have found all the required TV channels.

i If you have programmed a **TIMER**, you cannot activate the **'Add new channel'** function.

i If the **'Wake-up timer'** function has been activated, you can not activate the **'Add new channel'** function.

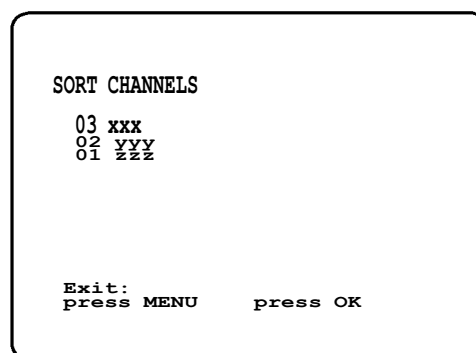
Deleting a TV channel

1 Switch on with the **P+/-** button.

2 Press the **MENU** button. The main menu appears.

3 Select the line **'Installation'** with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.

4 Select the line **'Sort channels'** with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.



5 With the menu buttons **▲**, **▼**, **◀** or **▶**, select the TV channel you wish to delete and press the **CLEAR** button.

6 Repeat step **5** until you have deleted all the required TV channels.

i If you have programmed a **TIMER**, you cannot activate the **'Sort channels'** function.

i If the **'Wake-up timer'** function has been activated, you cannot activate the **'Sort channels'** function.

2. TV SET FUNCTIONS

UK

Selecting a TV programme

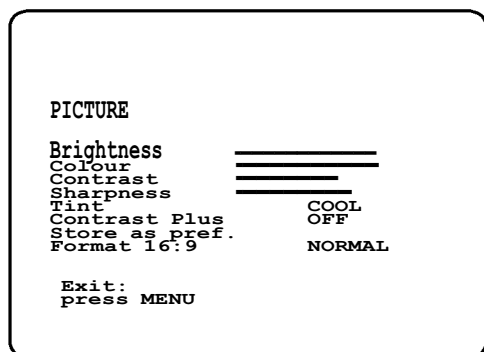
Select the required TV channel (=programme number) with the **P +/-** button or with the digit buttons **[0-9]** on the remote control.

i If you don't know the programme number of the required TV channel:

- 1 Press the **P +/-** button for more than 2 seconds. The TV channel list appears on the screen.
- 2 Select the required TV channel with the **P +/-** button.
After 1 second the TV-VIDEO Combi will switch to the selected programme number.

Picture settings

- 1 Press the **[MENU]** button. The main menu appears.
- 2 Select the line 'Picture' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.



- 3 Select the required line with the menu buttons **▲** or **▼** and alter with the menu buttons **◀** or **▶**.
- i** 'Contrast Plus': Enhances TV contrast by making the white whiter and the black blacker.
- i** To store this setting as a standard setting, select the line 'Store as pref.' with the menu buttons **▲** or **▼** and confirm with the **[OK]** button.

Selecting the picture setting (SMART PICTURE)

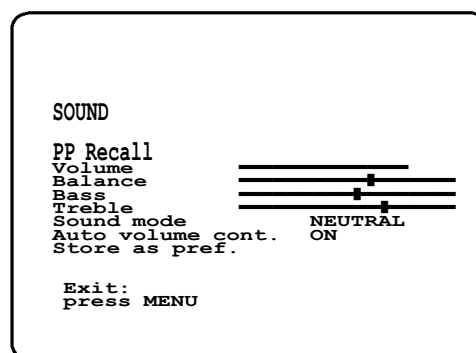
- i** 'SMART PICTURE': Optimises all picture settings using a single button on the remote control.
- ☐ Press the **[SMART]** button repeatedly to select the required picture setting.

Volume control

You can control the volume level with the **▲ +/-** button. If you want to mute the sound temporarily (e.g.: during a telephone call), press the **[MUTE]** button on the remote control. When you press the **[MUTE]** button again, the sound will return at its original volume level.

Sound settings

- 1 Press the **[MENU]** button. The main menu appears.
- 2 Select the line 'Sound' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.



- 3 Select the required line with the menu buttons **▲** or **▼** and alter with the menu buttons **◀** or **▶**.
- i** 'Incredible Surround': Super Stereo Sound.
A PHILIPS feature to enrich the sound performance of your TV set or audio equipment. It enhances the stereo effect by giving the impression that the speakers are positioned much wider apart than they actually are.
- i** To store this setting as a standard setting, select the line 'Store as pref.' with the menu buttons **▲** or **▼** and confirm with the **[OK]** button.
- i** To call up the standard settings, select the line 'PP Recall' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.

Selecting the sound setting (SMART SOUND)

- i** 'SMART SOUND': Provides a choice of sound settings from the remote control.
- ☐ Press the **[SMART]** button repeatedly to select the required sound setting.

Automatic volume control (AUTO VOLUME CONTROL)

- ☐ Switch on 'Auto volume cont.', to activate the automatic volume control. It minimises sudden changes in TV volume when commercial spots are transmitted.

Sound track selection in TV mode

You can select the required sound track. This is of particular interest when audio transmissions are multilingual.

- ☐ Press the AUDIO button to select one of the following options:

STEREO transmissions: 'Stereo' and 'Mono'

Multilingual transmissions: 'Dual I' and 'Dual II'

3. PLAYBACK

UK

Playback a cassette

- 1 Insert a cassette into the cassette slot.
 - 2 Press the **PLAY▶** playback button.
 - 3 To interrupt, press the **STOP■** button.
 - 4 To eject, press the **▲** button on the set.
- i Remove the cassette before transporting the TV-VIDEO Combi.
 - i Some hired cassettes may have a poor picture/sound quality. This is not a fault in your set.
 - i Some functions switch off automatically after a while (e.g.: Pause, Still Picture, Scanning). This helps to protect the cassette and prevent unnecessary power consumption.
 - i With this set you can playback cassettes that have been recorded on another video recorder in the NTSC standard.
 - i If you load a cassette with erase protection, the TV-VIDEO Combi starts playback automatically.

Tape position indication

- i Press the **OK** button to display the current tape position.
 - i To change the type of tape position display, proceed as follows:
- 1 During playback, press the **MENU** button.
 - 2 Select the line 'Tape' with the menu buttons **▲** or **▼** and confirm with the **OK** button.
 - 3 Select the line 'Tape counter' with the menu buttons **▲** or **▼**.
 - 4 With the menu buttons **◀** or **▶** select 'USED' to check the time used, or 'LEFT' to check the time left on the tape.
 - 5 Confirm with the **OK** button.

Searching for tape position with picture

- 1 During playback, press the **◀◀** (reverse) or **▶▶** (forward) button once or several times.
 - 2 To interrupt at the required position, press the **PLAY▶** button.
- i The sound is turned off during picture search.

Searching for tape position without picture

- 1 Stop the tape with the **STOP■** button.
- 2 Press the **◀◀** (reverse) or **▶▶** (forward) button.
- 3 To interrupt at the required position, press the **STOP■** button.

Picture scanning during wind/rewind (Instant View)

During wind/rewind, you can have a quick access to picture scanning.

- 1 If you hold the **◀◀** (rewind) or **▶▶** (wind) button during wind or rewind, you will switch to picture scanning.
- 2 If you release the button, the video recorder will automatically switch back to rewind or wind again.

Automatic search for tape position (index search)

At the beginning of each recording, the TV-VIDEO Combi marks the tape with a code mark.

- 1 Press the **INDEX▶** button. Press the **▶▶** button to select the next code mark or the **◀◀** button for the previous code mark.
- i Press the **▶▶** or the **◀◀** again to search for further code marks.
- 2 When the TV-VIDEO Combi finds the code mark or a blank space during index search, it will automatically switch to playback.
- i When you press a tape control button (e.g. **PLAY▶** or **STOP■**), the index search will be interrupted.
 - i You cannot use the function 'index search' with recordings made on a video recorder that does not have this code mark function.

Still picture

- ☐ During playback, press the **STILL** button. You see a still picture.
Interference stripes will appear.
- ☐ Each time you press the **STILL** button again, the picture will move on one step.

Eliminating picture interference

When the picture quality is poor, please proceed as follows:

Tracking during playback

- 1 During playback, press the **MENU** button.
- 2 Select the line '**Tape**' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.
- 3 Select the line '**Tracking**' with the menu buttons **▲** or **▼**.
- 4 Hold the menu buttons **◀** or **▶** until the playback quality is at its best.
- 5 Press the **MENU** button. This setting will remain until you remove the cassette.

Tracking during still picture

- 1 During still picture, press the **MENU** button.
- 2 Select the line '**Tape**' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.
- 3 Select the line '**Jitter**' with the menu buttons **▲** or **▼**.
- 4 Hold the menu buttons **◀** or **▶** until the picture quality is at its best.
- 5 Press the **MENU** button. This setting will remain until you remove the cassette.

Cleaning the video heads

- 1 During playback, press the **MENU** button.
- 2 Select the line '**Tape**' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.
- 3 Select the line '**Cleaning**' with the menu buttons **▲** or **▼**.
- 4 Press the **OK** button. '**CLEANING**' appears on the screen.
- 5 Wait a few seconds, until the message disappears and then press the **MENU** button.

Continuous playback

- 1 Press the **MENU** button. The main menu appears.
- 2 Select the line '**Tape**' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.
- 3 Select the line '**Repeat play**' with the menu buttons **▲** or **▼**. Switch continuous playback on or off with the menu buttons **◀** or **▶**.
- 4 Confirm with the **OK** button.
- 5 Press the **MENU** button.
- 6 Start continuous playback with the **PLAY** button.
- 7 If you want to cancel the function, stop continuous playback in the line '**Repeat play**' and confirm with the **OK** button.

Selecting the sound track during playback

You can select the required sound track. This is of particular interest when the audio transmissions are multilingual.

- 1 Press the **AUDIO** button during playback to select one of the following options: '**Stereo**', '**Right**', '**Left**', '**Mono**' and '**Mix**'.
- ☐ '**Mix**': Simultaneous mono and stereo playback.

4. MANUAL RECORDING

UK

Recording without automatic switch-off.

- 1 Insert a cassette.
- 2 With the **P +/-** button, select the programme number from which you wish to record, e.g.: 'P01'.
- 3 Press the **RECORD/OTR** button.
- 4 Use the **STOP** button to stop the recording.

Recording with automatic switch-off (OTR)

- 1 Insert a cassette.
- 2 With the **P +/-** button, select the programme number from which you wish to record, e.g.: 'P01'.
- 3 Press the **RECORD/OTR** button.
- 4 Press the **RECORD/OTR** button repeatedly until you reach the required end time or the required length of the recording.
 - i If you wish to clear the entry, press the **CLEAR** button.
 - i If, whilst recording, you want to switch off the screen, press the **STANDBY** button **once**.
 - i To switch the screen back on again, press the **P +/-** button.
 - i Programme number 'E1' is provided for recording from external sources (via the **EXTERNAL** scart socket).
 - i Programme number 'AV' is provided for recording from external sources (via the Audio/Video socket **AUDIO L/R** at the front of the TV-VIDEO Combi).

Erase protection

So that you don't accidentally delete an important recording, you can remove the special tab (erase protection) on the narrow side of the cassette with a screwdriver or slide the special tab to the left. Later, if you no longer want the cassette to be erase protected, you can seal the gap again with adhesive tape or slide the special tab to the right.

Auto-assembling

To join individual recordings without any major picture disturbance between the recordings, proceed as follows:

- 1 During playback search for the correct position on the tape.
- 2 Stop playback by pressing the **STOP** button. 'Pause' Appears on the TV screen.
- 3 Now start recording as usual by pressing the **RECORD/OTR** button.

Selecting the recording speed (SP/LP)

You can reduce the recording speed by half. This makes it possible to record, for example, 8 hours instead of 4 hours on an 'E240' (4 hour) cassette.

- 1 Press the **MENU** button. The main menu appears.
- 2 Select the line 'Tape' with the menu buttons **▲** or **▼**, and confirm with the menu button **▶**.
- 3 Select the line 'Tape speed' with the menu buttons **▲** or **▼**.
- 4 Select the required recording speed with the menu buttons **◀** or **▶**.
 - i 'LP': Long Play = half recording speed (double recording time).
 - i 'SP': Standard Play = normal recording speed.
 - i The picture quality will be worse when recording at half recording speed ('LP').
 - i For playback the correct recording speed will automatically be selected.
- 5 Confirm with the **OK** button.

5. AUTOMATIC (PROGRAMMED) RECORDING

The TV-VIDEO Combi needs the following information for every programmed recording:

- * the date on which the recording is to be made
- * the programme number for the TV channel
- * the start and stop time of the recording
- * VPS/PDC on or off

The TV-VIDEO Combi stores all the information mentioned above in what is known as a TIMER block. You can programme up to 6 TIMER blocks, one month in advance.

'VPS' (Video Programming System) / 'PDC' (Programme Delivery Control)

With VPS/PDC, the TV station controls the beginning and the length of the programmed recording. This means that the TV-VIDEO Combi switches itself on and off at the **right time** even if a TV programme you have programmed begins earlier or finishes later than expected.

Usually the start time is the **same** as the VPS/PDC time. If, however, in the TV guide, in addition to a TV programme's start time, a different VPS/PDC time is given, e.g.: '20.15 (VPS 20.14)', you have to enter '20.14' as the start time **exactly to the minute**.

If you want to enter a time that differs from the VPS/PDC time, you must switch off 'VPS/PDC'.

Programming with 'VIDEOPlus+'

All the information required for a programming is contained encoded in the VIDEOPlus+ code.

VIDEO *Plus+*

- 1 Press the **[SV/V+]** button on the remote control.
- 2 Please enter the VIDEOPlus+ code (up to 9 digits) printed in your TV guide next to the start time of a TV programme. If you make a mistake, clear with the **[CLEAR]** button.

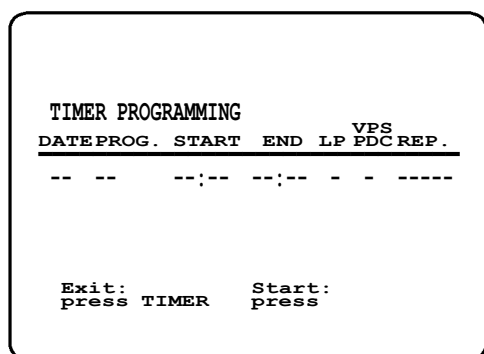
VIDEOPLUS
CODE
1 2 3 4 5 6 - - - ONCE
0-9 Store: press OK

- 3 Programming at daily or weekly intervals:
 1. Press the **[▶]** button.
 2. Select the interval with the menu buttons **[▲]** or **[▼]**.
-  **'Mo-Fr'**: Recording at daily intervals from Mondays to Fridays inclusive.
'Mo-Su': Recording at daily intervals from Mondays to Sundays inclusive.
'WEEKLY': Recording at weekly intervals on the same day of the week.
'ONCE': Single recording.
- 4 Confirm with the **[OK]** button.
-  The data has been stored in a TIMER block.
- 5 Confirm with the **[TIMER ⏸]** button.
-  Make sure that a cassette without erase protection has been loaded.
-  If VIDEOPlus+ does not recognize the TV channel, you must select the required programme number with the **[P +/-]** button. These settings will be stored automatically.

- ▶ If 'Code error' appears on the TV screen, you entered an incorrect code number. Repeat the entry or end with the **[STANDBY]** button.
- ▶ If 'Daily error' appears on the TV screen, the date was incorrectly set or you chose the wrong option in 'REPEAT'.
- ▶ If the message 'Press STOP to start recording' appears on the TV screen, press the **[STOP]** button.
A TIMER recording will only function, if the set is not used for other video recorder functions (e.g. playback).
- ▶ The TIMER lamp on the front of the set lights up when one or more of the TIMER blocks are occupied.
- ▶ If the end of the cassette is reached during a recording, the TV-VIDEO Combi automatically ejects the cassette.
- ▶ If you forget to load a cassette, 'Timer programmed - no cassette' will appear.
- ▶ If you inserted a cassette with erase protection when you want to start a recording, the cassette will be ejected.

Manual programming without 'VIDEOPlus'

- 1 Press the **[TIMER]** button.



- 2 Press the menu button **[▶]**.
- 3 Select where you want to enter data with the menu buttons **[◀]** or **[▶]**.
 'DATE': Date on which the recording is to be made
 'PROG.': Programme number of the TV programme
 'START': Start time of the recording
 'END': End time of the recording
 'LP': Recording speed
 'VPS/PDC': Recording with/without VPS/PDC
 'REP.': Recording at daily or weekly intervals

- 4 Enter data with the menu buttons **[▲]** or **[▼]** or with the digit buttons **[0-9]**.
- ▶ If you want an external source to control the TIMER recording, select 'Record prepared' in the line 'PROG.' with the menu buttons **[▲]** or **[▼]**. The TV-VIDEO Combi will now be controlled via the SCART cable.
- 5 Confirm with the **[OK]** button.
- 6 Confirm with the **[TIMER]** button.

How to check or alter a TIMER

- 1 Press the **[TIMER]** button.
- 2 Select the TIMER you want to check or alter with the menu buttons **[▲]** or **[▼]**.
- 3 Press the **[▶]** button.
- 4 Select where you want to check or alter data with the menu buttons **[◀]** or **[▶]**.
- 5 Enter data with the menu buttons **[▲]** or **[▼]** or with the digit buttons **[0-9]**.
- 6 Confirm with the **[OK]** button.

How to clear a TIMER

- 1 Press the **[TIMER]** button.
- 2 Select the TIMER you want to clear with the menu buttons **[▲]** or **[▼]**.
- 3 Press the **[CLEAR]** button.

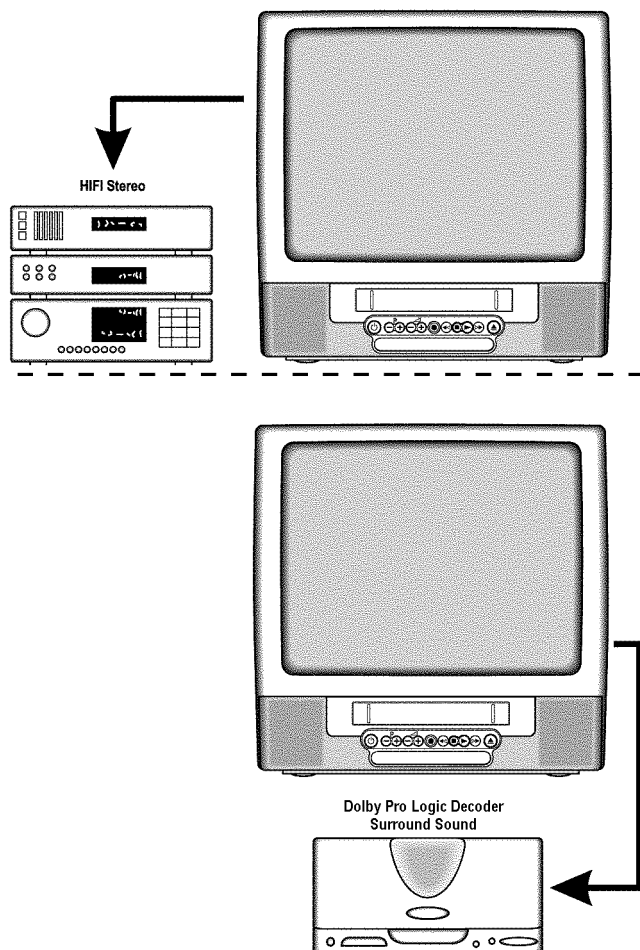
Interrupt a TIMER

- Press the **[STANDBY]** button for several seconds.
- ▶ The TIMER will be cleared automatically.

6. ADDITIONAL FUNCTIONS

Connecting a HiFi-stereo set

You can also connect this TV-VIDEO Combi to a HiFi-stereo set or to a 'Dolby Pro Logic'-decoder.



- i** If you connected the TV-VIDEO Combi to a 'Dolby Pro Logic'-decoder, you can control its volume via the TV-VIDEO Combi remote control. To do so, switch the line 'Audio output' in the menu 'Setup' to 'VARIAB. '.

How to read TELETEXT

- ☐ Press the **TELETEXT** button to switch the TXT decoder on and off. The TV-VIDEO Combi is now receiving the TXT of the TV channel currently selected.
- ☐ To store the current page, press the **OK** button. The next time you call up TELETEXT, you will automatically turn to this page.
- ☐ If you want to select an other page, type in the number of the page with the digit buttons **[0-9]**.

- ☐ Some TV channels will show a coloured bar with page numbers at the bottom of the screen. To call up one of these pages, press one of the coloured buttons (**CLEAR** , **SMART** , **SMART** , **AUDIO**).

Extra TELETEXT functions

To use the extra TELETEXT functions, press the **MENU** button, when you are in TELETEXT.

- ☐ To enlarge the print, select the symbol ' **≡↑** ' and confirm with the **OK** button.
- ☐ To switch off the TELETEXT decoder temporarily, select the symbol ' **≡x** ' and confirm with the **OK** button.
- ☐ To call up a TELETEXT sub-page:
 - 1** Select the symbol ' **/00** ' and confirm with the **OK** button.
 - 2** Enter the page number of the sub-page with the **[0-9]** -buttons.
- ☐ To call up concealed information, select the symbol ' **≡?** ' and confirm with the **OK** button.
- ☐ To stop the pages from being turned over, select the symbol ' **STOP** ' and confirm with the **OK** button.

Switching the remote control command

If you have two video recorders with the same remote control command, you can change the remote control command of the handset and the remote control command of one of the TV-Video Combi's.

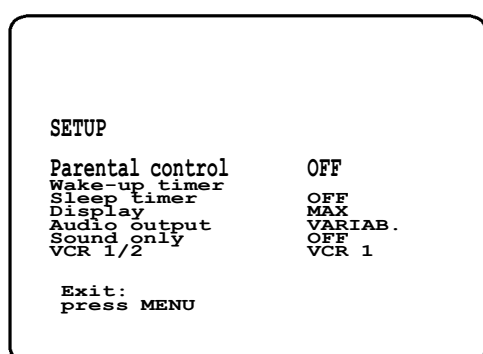
- 1** Select the line 'VCR 1/2' in the menu 'Setup'.
 - 2** On the remote control, press the **STOP** button and the digit button **[2]** at the same time to switch the remote control to 'VCR 2'.
- i** If you want to switch back to 'VCR 1', press the **STOP** button and the digit button **[1]** at the same time.
- 3** Confirm with the **STOP** button.
- i** After you changed the batteries in the remote control, it will switch back to 'VCR 1'.

On Screen Display (OSD)

- i** With the **[OK]** button you can superimpose the current operating mode on the TV screen.

You can switch the On Screen Display (OSD) on or off.

- 1** Press the **[MENU]** button. The main menu appears.
- 2** Select the line '**Setup**' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.



- 3** Select the line '**Display**' with the menu buttons **▲** or **▼**.
- 4** Select one of the options indicated.
'MAX': OSD appears for a few seconds each time an operating mode is selected and then disappears.
'MIN': OSD is minimised.
'PROGR.': the programme number is constantly indicated.
'COUNTER': the counter is constantly indicated.
- 5** Confirm with the **[OK]** button.

Sound playback without picture

To play sound only when you watch TV or when you playback a cassette, you can switch off the picture. You will hear sound only.

- 1** In the menu '**Setup**', select the line '**Sound only**'.
- 2** Switch the function on or off.

Switch off function (SLEEP TIMER)

You can programme your set to switch off after a predetermined period.

- 1** In the menu '**Setup**', select the line '**Sleep timer**'.
- 2** Determine the time left until switch off in 15 minutes intervals.
 When you set the time to '0' with the **[CLEAR]** button the sleep timer is switched off.
- 3** Confirm with the **[OK]** button.

Switch on function (WAKE-UP TIMER)

You can programme your set to switch on at a predetermined time.

- 1** In the menu '**Setup**', select the line '**Wake-up timer**' and confirm with the menu button **▶**.
- 2** Press the menu buttons **◀** or **▶** to switch between '**WAKE-UP**', '**PROG.**' (programme number), '**START**' (start time) and '**END**' (end time).
 Adjust the data with the menu buttons **▲** or **▼** or with the digit buttons **[0-9]**.
- 3** In the line '**WAKE-UP**', switch the function on or off.
- 4** Press the **[OK]** button.

Child lock

You can lock your TV-VIDEO Combi in order to prevent unwanted usage.

- 1** In the menu '**Setup**', select the line '**Parental control**'.
- 2** Switch the child lock on or off.
- 3** Confirm with the **[OK]** button.

! IMPORTANT: ALWAYS switch the set off with the **STANDBY** button, when using the 'Parental control' function.

i When the child lock is active, you can only operate the TV-VIDEO Combi with the remote control.

i If a button is pressed with the child lock 'on', 'Parental Control active' appears in the display.

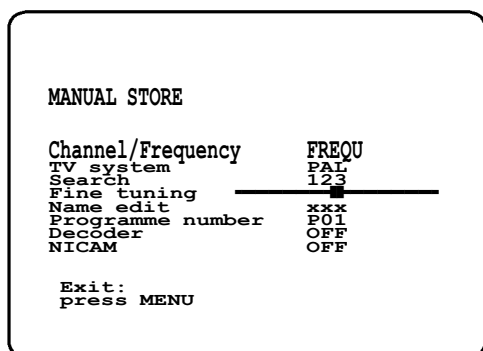
i Programmed recordings are made despite the child lock and cannot be interrupted.

Manual TV Channel Settings

In certain cases the Automatic TV Channel Search may not be able to find all of the TV channels (e.g. coded TV channels). You can then use this manual method to set the channels.

1 Select the line 'Installation' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.

2 Select the line 'Manual store' with the menu buttons **▲** or **▼** and confirm with the menu button **▶**.



3 Select in line 'Channel/Frequency':
'FREQU': frequency
'C CH': channel
'S CH': special channel

4 In the line 'TV system', select the required receiving system.

5 When you know the channel number or frequency for the required TV channel, you can enter the data in line 'Search' with the digit buttons **0-9**.

6 If you don't know the channel number or frequency for the required TV channel, press the **▶** button to start searching.

6 If you want to change the automatic TV channel setting, select the line 'Fine tuning'. Press the menu buttons **◀** or **▶** repeatedly to vary the automatic TV channel setting.

Important: This re-tuning is only necessary and useful in **special cases**, e.g. when there are stripes on the picture with cable-TV systems.

7 If you want to change the TV channel name, press the **▶** button in line 'Name edit'.

8 Select the character you want to change with the menu buttons **◀** or **▶**.

9 Change the character with the menu buttons **▲** or **▼**.

10 To end, press the **OK** button

11 To store the TV channel name, press the **OK** button.

8 In the line 'Programme number', select the required programme number, e.g.: 'P01' with the menu buttons **▶** or **◀**.

9 If you want to allocate a decoder, switch the decoder function 'on' in the line 'Decoder', using the menu buttons **◀** or **▶**.

10 If you want to use NICAM, switch the function 'on' in the line 'NICAM', using the menu buttons **◀** or **▶**.

11 To store the TV channel, press the **OK** button.

12 If you want to search for further TV channels, start again at step **3**.
To finish, press the **MENU** button.

i If you have programmed a TIMER, you cannot activate the 'Manual store' function.

i If the 'Wake-up timer' function has been activated, you can not activate the 'Manual store' function.

Before you call an engineer

If, contrary to expectation, you experience any difficulty in operating this TV-VIDEO Combi, it may be caused by one of the reasons mentioned below. You can also call the **customer service** in your country.

You will find the telephone numbers in the enclosed guarantee leaflet.

The set does not respond to any button being pressed:

- No power supply.
- Technical disturbance: disconnect from the mains for 30 seconds, then re-connect.
- The power switch on the side panel is switched off.
- Child lock is active.

Cassette jammed:

- Don't use force. Pull out the mains plug for a moment.

Remote control does not operate:

- Remote control wasn't pointed at the set.
- Batteries are exhausted.
- Remote control command wrong: Turn to chapter 'EXTRA FUNCTIONS' and read the section 'Switching the remote control command'.

No playback on TV-VIDEO Combi:

- No recording on the cassette.

No TV reception:

- The aerial is not connected.
- No TV channels have been stored.

Poor playback from TV-VIDEO Combi:

- Cassette badly worn or of poor quality.
- Use the 'TRACKING' function.

Poor Audio quality during TV-reception:

- Turn to chapter 'EXTRA FUNCTIONS' and read the section 'Manual TV channel settings'.
- In the menu '**Manual store**' switch off the function '**NICAM**'.

No recording possible:

- TV channel not stored or wrongly selected.
- Cassette with erase protection has been loaded.

Programmed recording does not function:

- TIMER not set properly.
- Time data wrongly programmed.
- A cassette with erase protection has been loaded.
- 'PDC/VPS' switched on but 'PDC/VPS time' wrong.
- Check aerial.

No sound:

- Pressed  button.
- Volume turned down.
- Balance turned all the way to one side.
- Connected HiFi set not switched on.

Enter the serial number of your TV-VIDEO Combi here:

TYPE 21PV688/05 - 21PV620/07

PROD. NO.: / SER. NR.

This product complies with the requirements of the Directive 73/23/EEC + 89/336/EEC + 93/68/EEC.

3103 166 21074
9433/011



21PV688/05, 21PV620/07

